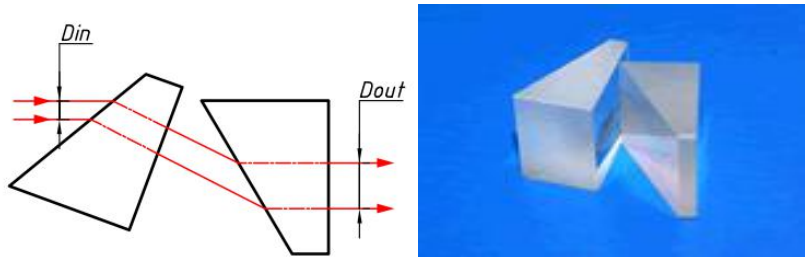


Anamorphic Prism

Diode lasers usually feature an elliptical beam profile. While, mostly a circular beam shape is required, like mode-matching to an external resonator, adapting beam size to pass a small aperture of an isolator, and etc. Anamorphic Prism Pairs are used to transform elliptical laser diode beams into nearly circular beams by magnifying the elliptical beam in one dimension.



Attribute	Specification
Material	N-BK7, Fused Silica, etc
Dimension Tolerance(mm)	+0/-0.1
Clear Aperture	>90%
Wedge Angle	29°26'
Flatness@ 633mm	1/4
Surface Quality	60/40
Coating	uncoated, AR Coating, etc